

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Diversified Construction & Restoration, Inc. 12741 S.W. 42nd Street, #312 Miami, Florida 33175

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series AG-10111 Aluminum Glass Railing System

APPROVAL DOCUMENT: Drawing No. 13-02, titled "Series AG-10111 Alum. Glass Railing System", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, revision #A dated August 27, 2014, signed and sealed by Javad Ahmad, P.E., on December 23, 2014, bearing Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. The structural adequacy of the supporting structures is not part of this approval & shall be reviewed by the corresponding Building Dept.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

MIAMI-DADE COUNTY APPROVED He by A. Mehr 06/25/2015

NOA No. 13-1115.09 Expiration Date: 06/25/2020 Approval Date: 06/25/2015 Page 1

Diversified Construction & Restoration, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 13-02, titled "Series AG-10111 Alum. Glass Railing System", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, revision #A dated August 27, 2014, signed and sealed by Javad Ahmad, P.E., on December 23, 2014.

B. TESTS

1. Test Report No. 7302, by Fenestration Testing Laboratory, Inc., dated April 30, 2013, signed and sealed by Marlin D. Brinson, P.E.

C. CALCULATIONS

1. Calculation titled "Series AG-10111 Alum. Glass Railing System", 62 sheets, dated September 26, 2013, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

- 1. Die Drawings.
- 2. Non-Shrink Precision Grout, Product No. 1585-00 by Commercial Grade Quikrete.

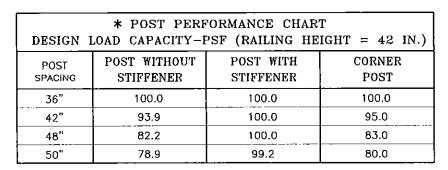
F. OTHERS

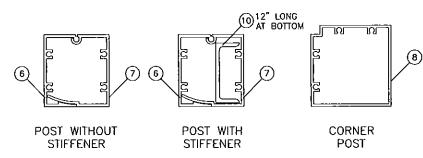
1. Letter of compliance with the FBC Fifth Edition (2014), dated August 26, 2014, issued by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on December 23, 2014.

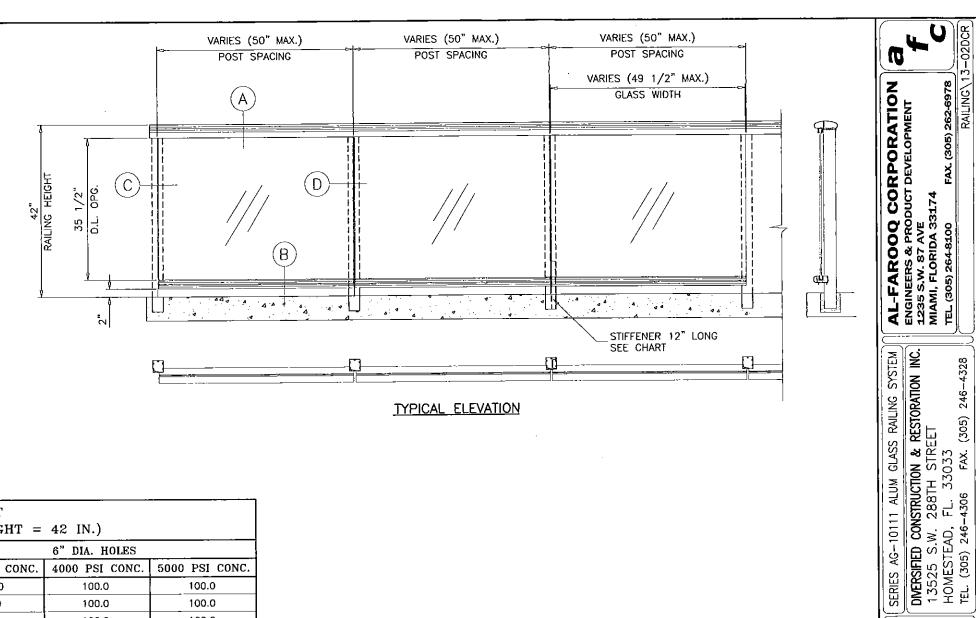
Helmy A. Makar, P.E., M.S. Product Control Unit Supervisor

NOA No. 13-1115.09

Expiration Date: 06/25/2020 Approval Date: 06/25/2015





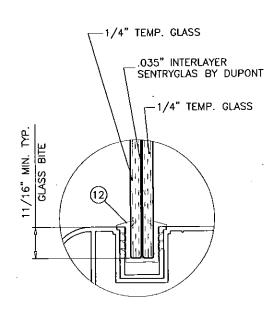


[-	* POST HOLE DIAMETER CHART DESIGN LOAD CAPACITY-PSF (RAILING HEIGHT = 42 IN.)						
ſ	POST SPACING	5" DIA. HOLES			6" DIA. HOLES			
	POST SPACING	3000 PSI CONC.	4000 PSI CONC.	5000 PSI CONC.	3000 PSI CONC.	4000 PSI CONC.	5000 PSI CONC.	
ľ	36 IN.	85.0	100.0	100.0	100.0	100.0	100.0	
Ī	42 IN.	74.0	98.0	100.0	87.0	100.0	100.0	
	48 IN.	64.0	84.0	100.0	76.0	100.0	100.0	
Ì	50 IN.	61.0	81.0	100.0	73.0	99.0	100.0	

* INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1 DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- USE POST PERFORMANCE CHART TO VERIFY POST STEP 2 CAPACITY FOR THE REQUIRED DESIGN LOAD.
- USE POST HOLE DIAMETER CHART TO CHECK POST STEP 3 SPACING AND REQUIRED EMBEDMENT.
- THE LOWER VALUE RESULTING FROM STEPS 2 AND STEP 4 3 SHALL APPLY TO ENTIRE SYSTEM.



GLASS_DETAIL 9/16" OVERALL LAM. GLASS

SERIES AG-10111 ALUM GLASS RAILING SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) FIFTH EDITION (2014) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

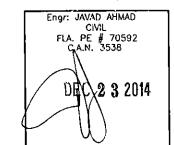
DESIGN CRITERIA FOR ALUMINUM, MINIMUM MECHANICAL PROPERTIES. AND SAFETY FACTORS ARE IN ACCORDANCE WITH THE "ALUMINUM CONSTRUCTION MANUAL" LATEST EDITION.

ALUMINUM ALLOYS: ALL EXTRUSIONS SHALL BE ALLOY AS SHOWN.

ALL FASTENERS TO BE NON-MAGNETIC ST. STEEL.

ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.



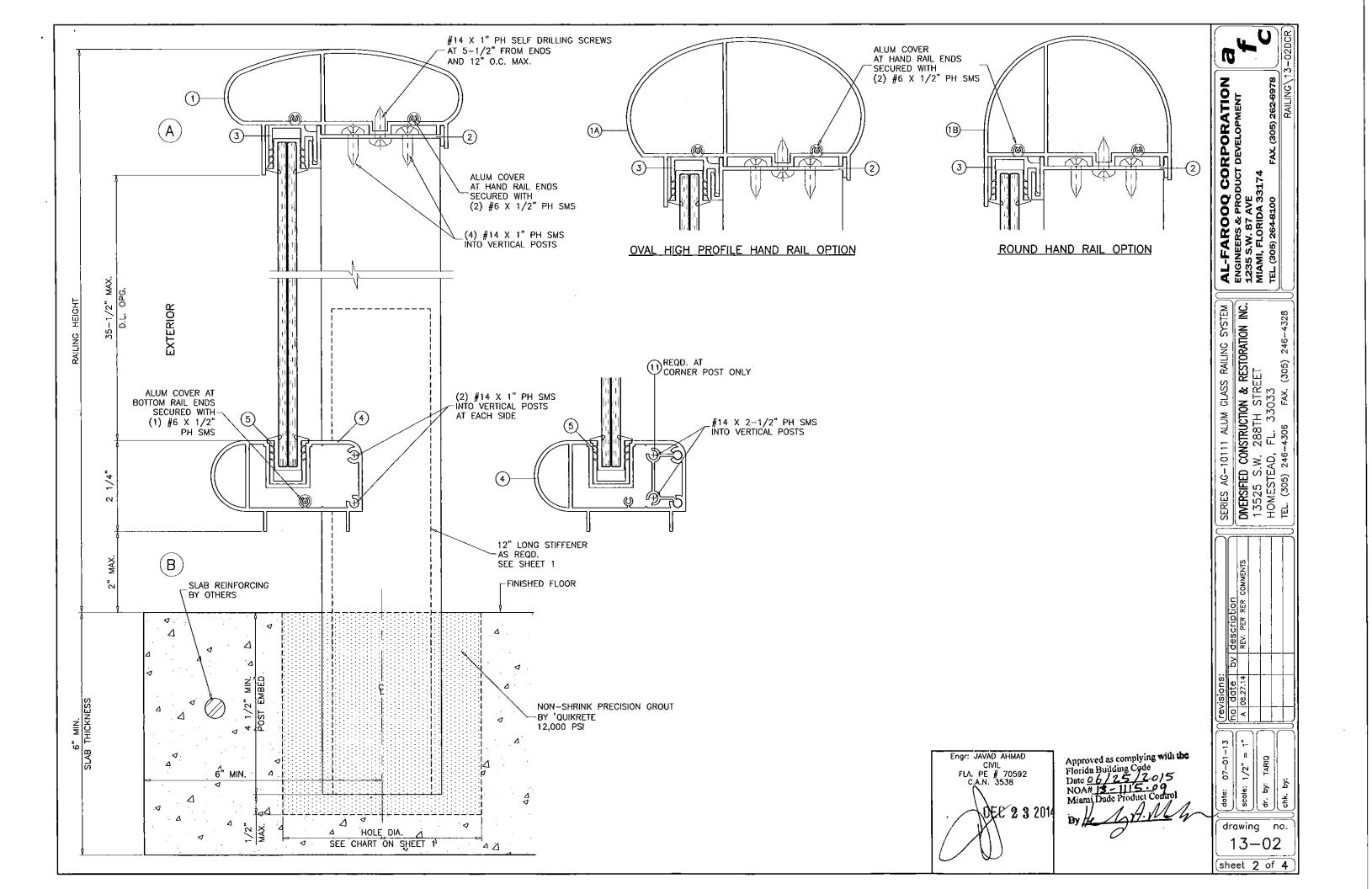
Approved as complying with the Florida Building Code
Date 66/25/20/5
NOA# 13-1115.09
Miami Dade Product Control

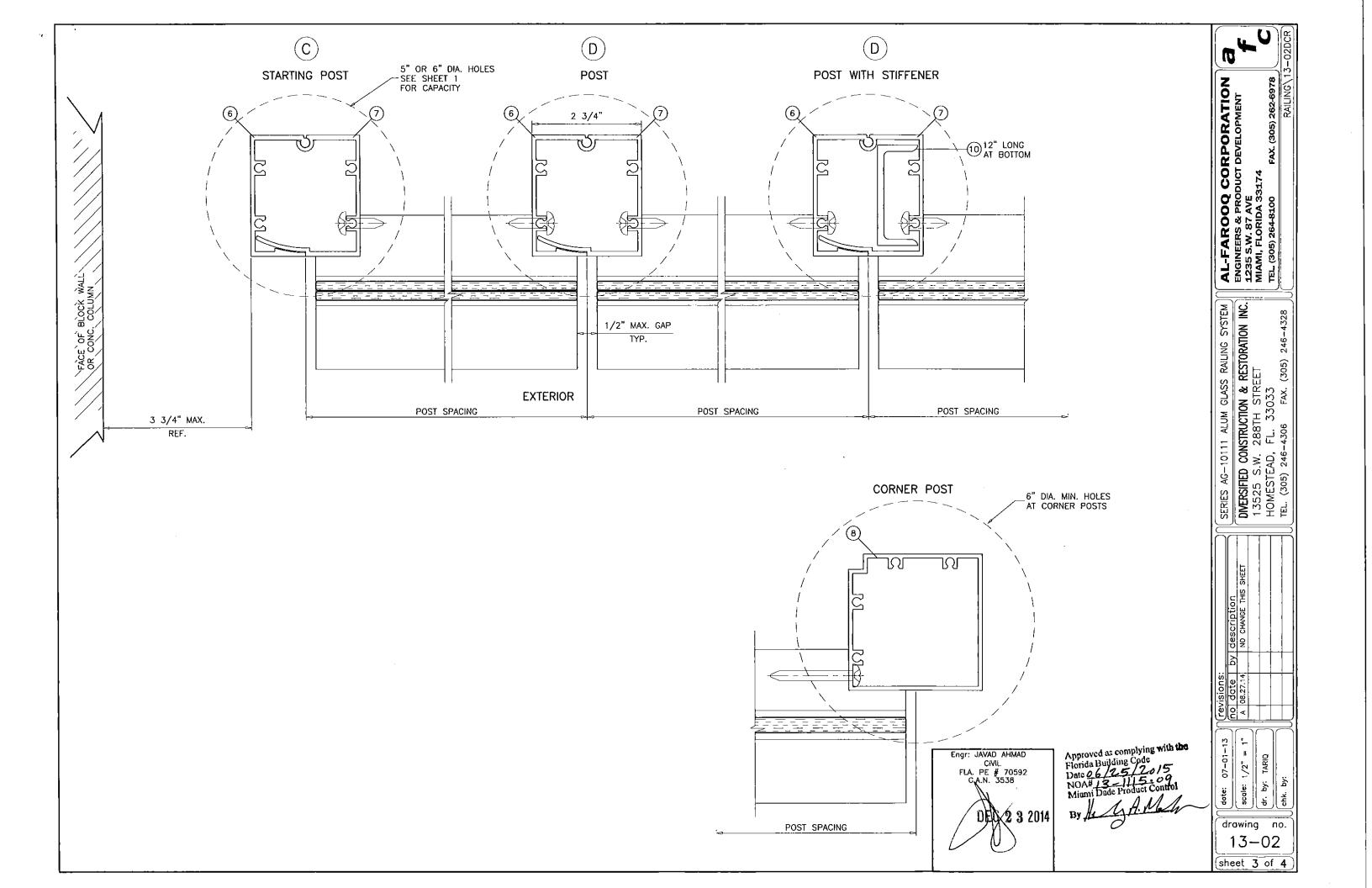
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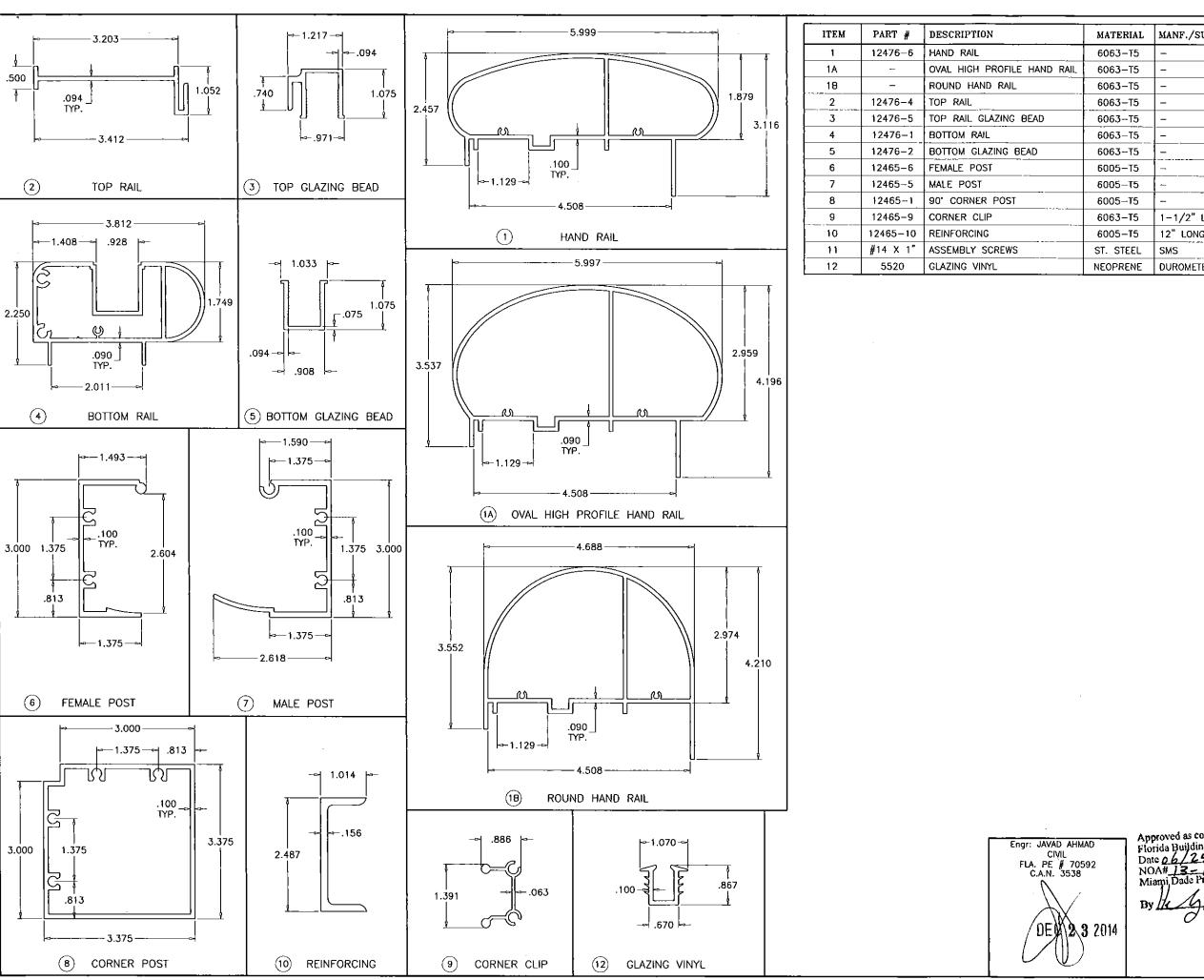
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drawing no. 13 - 02

sheet 1 of 4







ITEM	M PART # DESCRIPTION		MATERIAL	MANF./SUPPLIER/REMARKS	
1	12476-6	HAND RAIL	6063-T5		
1A	-	OVAL HIGH PROFILE HAND RAIL	6063-T5	_	
18	_	ROUND HAND RAIL	6063-T5	-	
2	12476-4	TOP RAIL	6063-T5	_	
3	12476-5	TOP RAIL GLAZING BEAD	6063T5	_	
4	12476-1	BOTTOM RAIL	6063-T5	_	
5	12476-2	BOTTOM GLAZING BEAD	6063T5	_	
6	12465-6	FEMALE POST	6005-T5	-	
7	12465-5	MALE POST	6005-T5	_	
8	12465-1	90° CORNER POST	6005-T5	-	
9	12465-9	CORNER CLIP	6063-T5	1-1/2" LONG	
10	12465-10	REINFORCING	6005-T5	12" LONG	
11	#14 X 1"	ASSEMBLY SCREWS	ST. STEEL	SMS	
12	5520	GLAZING VINYL	NEOPRENE	DUROMETER 70±5 SHORE	

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978 SERIES AG-10111 ALUM GLASS RAILING SYSTEM

DIVERSIFIED CONSTRUCTION & RESTORATION INC.
13525 S.W. 288TH STREET
HOMESTEAD, FL. 33033
TEL. (305) 246-4306 FAX. (305) 246-4328

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date: 07-01-13 scale: 1/2" = | dr. by: TARIQ | chk. by:

Approved as complying with the Florida Building Code
Date 06/25/20/5
NOA# 13-1115.09
Miami Dade Product Control
By

drawing no. 13-02

sheet 4 of 4